

DWP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Re Patent Application of

DIATHEUS et al

Atty. Ref.: 2789-38

Serial No. 09/867,711

Group: 2817

Filed: May 31, 2001

Examiner: unknown

For: FREQUENCY TRACKING DEVICE FOR A RECEIVER OF  
A MULTI-CARRIER COMMUNICATION SYSTEM

\* \* \* \* \*

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**INFORMATION DISCLOSURE STATEMENT**

- ☒ 1. **PTO-1449 Pursuant to 37 CFR 1.97(b)**  
[within 3 months of filing or prior to 1st Office Action] N/C
- ☐ 2. **Statement Pursuant to 37 CFR 1.97(c)**  
[before Final Office Action or Allowance] N/C
- ☐ 3. **Fee Payment Pursuant to 37 CFR 1.97(c)**  
[before Final Office Action or Allowance] \$180.00
- ☐ 4. **Pursuant to 37 CFR 1.97(d)**  
[before Issue Fee payment] \$180.00

The following are submitted in the above-identified application in compliance with 37  
C.F.R. §§ 1.97 and 1.98:

- ☒ 5. A list of documents on Form PTO-1449 together with copies of each  
identified document and a translation or a concise explanation of each non-  
English language document is enclosed herewith.
  - ☒ a) The Kammeyer book reference is cited in the specification at page 7, first  
paragraph; the Tuifel reference is cited in the specification on page 13.

This paper is submitted in accordance with:


- ☒ 6. 37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action]
- ☐ 7. 37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is earlier]; and

RECEIVED  
JUL 10 2002  
TC 2800 MAIL ROOM

- ☐ a) The required Statement made in item 9 below; or
- ☐ b) The \$180.00 fee specified in 37 CFR §1.17(p) for submission of this Information Disclosure Statement is authorized in item 10 below.
- ☐ 8. 37 CFR §1.97(d): [before issue fee payment]; and
- ☐ a) The fee (\$180.00) required by 37 CFR §1.17(p) is submitted herewith; and
- ☐ b) The required Statement is stated in item 9 below.
- ☐ 9. Statement under 37 CFR 1.97(e)
- ☐ a) The undersigned attorney of record hereby certifies under 37 C.F.R. §1.97(e) that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement (each item contained in this IDS was the first citation of that item by a foreign patent office in a counterpart foreign application which occurred no more than three months prior to the filing of this IDS); or
- ☐ b) No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement, after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.
- ☒ 10. Please charge all deficiency fees associated with the submission of this Information Disclosure Statement and any other fees applicable to this application to Deposit Account No. 14-1140. An original and one (1) copy of this document are enclosed.

Respectfully submitted,  
NIXON & VANDERHYE P.C.

July 9, 2002

By:   
H. Warren Burnam, Jr.  
Reg. No. 29,366

HWB:lsb  
1100 North Glebe Road, 8th Floor  
Arlington, VA 22201-4714  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100

## INFORMATION DISCLOSURE CITATION

ATTY. DOCKET NO.

2789-38

**APPLICANT**

MATHEUS et al

FILING DATE

May 31, 2001

SERIAL NO.

09/867,711

**GROUP**

2817

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

\*EXAMINER  
INITIAL

DOCUMENT NUMBER

DATE \_\_\_\_\_

NAME \_\_\_\_\_

CLASS

SUBCLASS

FILING DATE  
IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

TRANSLATION

DOCUMENT

DATE \_\_\_\_\_

COUNTRY

CLASS

SUBCLASS

YES NO

**OTHER DOCUMENTS** (including Author, Title, Date, Pertinent pages, etc.)

Kammeyer, Nachrichtenübertragung, Stuttgart: B.G. Teubner, second ed., 1996, pp. 7, 431-438

Tuifel, "Multiträgerkonzepte für die digitale, terrestrische Hörrundfunk-Übertragung", Thesis at the Technical University Hamburg-Hamburg, Feb. 1993, p. 7

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)